



Fiberglass Reinforced Piping & Supports – Design, Analysis & Engineering (3 days)

Course Topics Large fiberglass pressure displacements and specific supporting requirements and methods. Multiple problem areas will be reviewed along with all the information needed to thoroughly specify and assess a fiberglass system

Course Objectives Upon leaving the course, attendees will be better able to design, analyze, and specify typical fiberglass piping components and supports. Practical examples will be reviewed and many common errors discussed. Examples using CAESAR II will be demonstrated and the participant will gain hands on experience in modeling fiberglass lines.

Course Agenda

- Review of Fiberglass pipe manufacturing options and resulting mechanical properties.
- Explanation of Fiberglass pipe tests and what it means in terms of the stress analysis and Service.
- Fiberglass branch connection fabrication.
- Fiberglass flange design failures to avoid.
- Fiberglass design in the Codes.
- Tips and tricks for Fiberglass Supports.
- Small and Large Fiberglass Line Examples using CAESAR II.
- Vibrations in fiberglass lines.
- Keys to effective fiberglass use in offshore applications.
- When not to use fiberglass piping.
- How to specify fiberglass and what it means to the stress analysis and cost.
- Fiberglass pipe inspection principles to validate the stress analysis.
- Common field problems with fiberglass and how to address them.

Note: Items may change, be moved to different days, or skipped based on course progress.

Course outline and structure co-developed by Dynaflow Research Group & Tony Paulin, Jr. P.E.

Course content developed by Dynaflow Research Group

Course instruction will be carried out by a senior Dynaflow Research Group trainer with extensive project experience in fiberglass systems and who regularly gives training seminars.



**Training Seminar
Fiberglass Reinforced Piping & Supports
Design, Analysis & Engineering (3 days)
Houston, Texas – May 4-6, 2016**



REGISTRATION FORM

**Fiberglass Reinforced Piping & Supports
3-day Training Seminar**
May 4-6, 2016
Cost: \$2,100.00 USD

Seminar Location: **PRG Training Room**
11221 Richmond Ave.
Suite C-103
Houston, TX 77082
281-920-9775

Recommended Hotel: Holiday Inn Westchase
10609 Westpark Dr.
Houston, TX 77042
713-532-5400

A rental car is recommended, however the hotel will provide van service to our offices if pre-arranged with the hotel manager upon check-in.

Name	

Company	

Address	

City, State, Postal Code	
_____	_____
Phone Number	Email Address:
PAYMENT OPTIONS:	
<input type="checkbox"/> Check Enclosed	<input type="checkbox"/> Purchase Order No.: _____
<input type="checkbox"/> Mastercard / VISA / American Express (Circle One)	
_____	_____
Exp Date	Card Number

Security Code	

Cancellation policy: Paulin Research Group ("PRG") will provide a full refund for cancellations made at least two weeks prior to the seminar. A 50% refund will be given for any cancellations made after that date. PRG reserves the right to cancel this seminar up to two weeks prior to the starting date, based on requirements for minimum registrations at that time. PRG will not be held responsible for any losses you may incur related to travel arrangements due to such cancellation. Your submission of this registration form will serve as acceptance of this cancellation policy in whole, and also serve as your agreement that no other terms, conditions, or contract shall apply to this transaction in any manner.